

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5285	cool\$3 with (battery or accumulator) with (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:26
L2	3539	L1 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:26
L3	2159	L2 and (charg\$3 or voltage) and (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:26
L4	240	L3 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:26
L5	110	L4 and @py<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:26
L6	0	L5 and @pd>="20060705"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:28
L7	1206	((320/143,150,151,156,161,158,144,153) or (324/430/431)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 09:28
L8	60	L7 and @pd>="20060101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/11 09:28
L9	25	L8 and @pd>="20060705"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L10	9414	((charger or charging) same (battery or accumulator or storage)) and temperature and ((first or one) with voltage) and ((second or two) with voltage) and (compar\$4 or different\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29

EAST Search History

L11	7275	L10 and (storage or storing or memory or ROM or RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L12	5635	L11 and ((compar\$4 or different\$4 or difference) with voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L13	2402	L12 and (cool\$3 or ((reduc\$4 or lower\$3) with temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L14	986	L13 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L15	394	L14 and (nickel\$1metal\$1hydride or nickel\$1cadmium or lead\$1acid or lithium\$1ion or Ni\$1MH or Ni\$1Cd or Pb\$1acid or Li\$1ion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L16	321	L15 and (apply\$3 or charge) and (((complet\$3 or finish\$3 or stop\$4 or end\$3 or terminat\$3) same charg\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L17	48	L16 and @pd>="20060101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:29
L18	20	L17 and @pd>="20060705"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:31
L19	72	(battery AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3 or steady) same ((threshold or limit or certain or specific or value) with temperature))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:34
L20	29	((battery or cell or storage) AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3 or steady) same ((threshold or limit or certain or specific or value) same temperature))).clm.	US-PGPUB	OR	ON	2006/12/11 09:36
L21	111	((battery or cell or storage) AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3 or steady) same temperature))).clm.	US-PGPUB	OR	ON	2006/12/11 10:11
L22	404	((battery or cell or storage) AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3 or steady) same temperature))).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:37

EAST Search History

L23	360	((battery or cell or storage) AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3 or steady) with temperature)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:37
L24	6	((("6016047") or ("5617006") or ("5304416"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 10:12
L25	2	("5374416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 10:12
L26	2	("5364416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 10:13
L27	2	("5304416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 10:13
L28	2	("5324416").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 10:18
L29	4661	battery and (maintain near temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:30
L30	154	battery and (maintain\$3 near temperature) and "320"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:30
L31	78	battery and (maintain near temperature) and "320"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:30
L32	67	battery same (maintain near temperature) and "320"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:31
L33	200	battery same (maintain\$3 near2 temperature) and "320"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 10:32

EAST Search History

S1	95	(320/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 14:49
S2	4	((("6433517") or ("5714866"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 16:30
S3	23	(320/144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/06 16:31
S4	132	(320/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT.	OR	OFF	2006/01/06 16:31
S8	924	((320/143,150,151,156,161) or (324/430/431)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/09 10:47
S9	18	("20020140405" "4659977" "5157320" "5339018" "5430363" "5623197" "5710507" "5872453" "5978719" "6150793" "6202615" "6232748" "6252377" "6363315" "6481406" "6563288" "6630810" "6647939").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:20
S10	4	("5038728" "5347966" "5721688" "5898282").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:23
S11	8500	((charger or charging) same (battery or accumulator or storage)) and temperature and ((first or one) with voltage) and ((second or two) with voltage) and (compar\$4 or different\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:30
S12	6531	S11 and (storage or storing or memory or ROM or RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:29
S13	4674	S12 and ((compar\$4 or different\$4) with voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:40

EAST Search History

S14	1789	S13 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:33
S15	1217	S13 and cool\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:32
S16	1965	S13 and (cool\$3 or ((reduc\$4 or lower\$3) with temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:41
S17	802	S16 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:41
S18	328	S17 and (nickel\$1metal\$1hydride or nickel\$1cadmium or lead\$1acid or lithium\$1ion or Ni\$1MH or Ni\$1Cd or Pb\$1acid or Li\$1ion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S19	5052	S12 and ((compar\$4 or different\$4 or difference) with voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:40
S20	2145	S19 and (cool\$3 or ((reduc\$4 or lower\$3) with temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:41
S21	854	S20 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:41
S22	342	S21 and (nickel\$1metal\$1hydride or nickel\$1cadmium or lead\$1acid or lithium\$1ion or Ni\$1MH or Ni\$1Cd or Pb\$1acid or Li\$1ion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:42
S23	275	S22 and (apply\$3 or charge) and ((complet\$3 or finish\$3 or stop\$4 or end\$3 or terminat\$3) same charg\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:46
S24	159	S23 and cool\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:48
S25	1148	((320/143,150,151,156,161,158, 144,153) or (324/430/431)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/09 10:48
S26	14	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:48

EAST Search History

S27	2	("5049804").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/09 15:56
S28	4755	cool\$3 with (battery or accumulator) with (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/11 16:57
S29	3133	S28 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/11 16:58
S30	1894	S29 and (charg\$3 or voltage) and (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/11 16:58
S31	205	S30 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/11 16:59
S32	110	S31 and @py<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/11 17:03
S33	21	S32 and charger and (process\$3 or method or micro\$1processor) and (memory or ROM or RAM or storage\$medium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT.	OR	ON	2006/01/11 17:04
S34	1182	((320/143,150,151,156,161,158,144,153) or (324/430/431)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT.	OR	OFF	2006/07/09 20:29
S35	36	S34 and @pd>="20060101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT.	OR	ON	2006/07/09 20:30

EAST Search History

S48	1116	((maintain\$3 with temperature) same battery) same charg\$3) and (charg\$3 with (control\$3 or regulat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:13
S49	96	(320/158).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 22:13
S50	4	((("6433517") or ("5714866"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 22:13
S51	24	(320/144).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 22:13
S52	134	(320/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 22:13
S53	979	((320/143,150,151,156,161) or (324/430/431)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 22:13
S54	9414	((charger or charging) same (battery or accumulator or storage)) and temperature and ((first or one) with voltage) and ((second or two) with voltage) and (compar\$4 or different\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 22:13
S55	7275	S54 and (storage or storing or memory or ROM or RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 22:13
S56	5215	S55 and ((compar\$4 or different\$4) with voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 22:13
S57	2061	S56 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/10 22:13
S58	5285	cool\$3 with (battery or accumulator) with (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:13

EAST Search History

S59	3539	S58 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:13
S60	2159	S59 and (charg\$3 or voltage) and (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:13
S61	240	S60 and ("320"/\$.ccls. or "324"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:13
S62	247	S48 and (S49 or S50 or S51 or S52 or S53 or S57 or S61)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/10 22:26
S63	38	(battery AND temperature AND (charg\$3 same temperature) AND ((maintain\$3 or hold\$3 or keep\$3) same ((threshold or limit or certain or specific) with temperature))). clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:32
S64	1	("4424476").PN. OR ("6707273"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/11 09:22

EAST Search History

S36	9001	((charger or charging) same (battery or accumulator or storage)) and temperature and ((first or one) with voltage) and ((second or two) with voltage) and (compar\$4 or different\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S37	6948	S36 and (storage or storing or memory or ROM or RAM)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S38	5376	S37 and ((compar\$4 or different\$4 or difference) with voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S39	2286	S38 and (cool\$3 or ((reduc\$4 or lower\$3) with temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S40	928	S39 and (micro\$1processor or CPU or (central\$1processing\$1unit))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S41	373	S40 and (nickel\$1metal\$1hydride or nickel\$1cadmium or lead\$1acid or lithium\$1ion or Ni\$1MH or Ni\$1Cd or Pb\$1acid or Li\$1ion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S42	302	S41 and (apply\$3 or charge) and ((complet\$3 or finish\$3 or stop\$4 or end\$3 or terminat\$3) same charg\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:31
S43	29	S42 and @pd>="20060101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:36
S44	5035	cool\$3 with (battery or accumulator) with (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:36
S45	3347	S44 and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:36
S46	2035	S45 and (charg\$3 or voltage) and (fan or coolant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/09 20:36
S47	129	S46 and @pd>="20060101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/09 20:36